

**DECLARATION AND POWER OF ATTORNEY FOR
UNITED STATES PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

HUMAN LYASES

the specification of which:

/ is attached hereto.

/ was filed on _____ as application Serial No. _____ and if this box contains an X /, was amended on _____.

/X was filed as Patent Cooperation Treaty international application No. PCT/US01/19166 on June 13, 2001, if this box contains an X /, was amended on under Patent Cooperation Treaty Article 19 on 2002, and if this box contains an X /, was amended on _____.

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Docket No.: PI-0137 USN

Country	Number	Filing Date	Priority Claimed
			/ / Yes / / No
			/ / Yes / / No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application <u>Serial No.</u>	Filed	Status (Pending, Abandoned, Patented)
60/213,383	June 23, 2000	Expired
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Application <u>Serial No.</u>	Filed	Status (Pending, Abandoned, Patented)

I hereby appoint the following:

(13) Lucy J. Billings	Reg. No. <u>36,749</u>
Jenny Buchbinder	Reg. No. <u>48,588</u>
Michael C. Cerrone	Reg. No. <u>39,132</u>
Diana Hamlet-Cox	Reg. No. <u>33,302</u>
Richard C. Ekstrom	Reg. No. <u>37,027</u>
Barrie D. Greene	Reg. No. <u>46,740</u>
Lynn E. Murry	Reg. No. <u>42,918</u>
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Michelle M. Stempien	Reg. No. <u>41,327</u>
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Sreenivasarao Vepachedu	Reg. No. <u>46,395</u>

respectively and individually, as my patent attorneys and/or agents, with full power of substitution and

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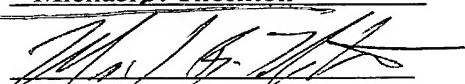
TEL: 650-855-0555 FAX: 650-849-8886 or 650-845-4166

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1-00

6/26/02 - MBT

B.

First Joint Inventor: Full name: Michael J. Thornton
Signature: 
Date: June 26, 2002
Citizenship: United States
Residence: Woodside, California CA.
P.O. Address: 9 Medway Road
Woodside, California 94062-2612

Second Joint Inventor: Full name: Jayalaxmi Ramkumar
Signature: _____
Date: _____, 2002
Citizenship: India
Residence: Fremont, California
P.O. Address: 34359 Maybird Circle
Fremont, California 94555

Third Joint Inventor: Full name: Catherine M. Tribouley
Signature: _____
Date: _____, 2002
Citizenship: France
Residence: San Francisco, California
P.O. Address: 1121 Tennessee Street, #5
San Francisco, California 94107

Fourth Joint Inventor: Full name: Henry Yue
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Sunnyvale, California
P.O. Address: 826 Lois Avenue
Sunnyvale, California 94087

Fifth Joint Inventor: Full name: Danniel B. Nguyen
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: San Jose, California
P.O. Address: 1403 Ridgewood Drive
San Jose, California 95118

Sixth Joint Inventor: Full name: Monique G. Yao
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Carmel, Indiana
P.O. Address: 1189 Woodgate Drive
Carmel, Indiana 46033

Seventh Joint Inventor: Full name: Chandra Arvizu
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Menlo Park, California
P.O. Address: 490 Sherwood Way, #1
Menlo Park, California 94025

Eighth Joint Inventor: Full name: Ameena R. Gandhi
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: San Francisco, California
P.O. Address: 705 5th Avenue
San Francisco, California 94118

Ninth Joint Inventor: Full name: Neil Burford
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Durham, Connecticut
P.O. Address: 105 Wildwood Circle
Durham, Connecticut 06422

Tenth Joint Inventor: Full name: Kavitha Thangavelu
Signature: _____
Date: _____, 2002
Citizenship: India
Residence: Mountain View, California
P.O. Address: 1950 Montecito Avenue #23
Mountain View, California 94043

Eleventh Joint Inventor: Full name: Mariah R. Baughn
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: San Leandro, California
P.O. Address: 14244 Santiago Road
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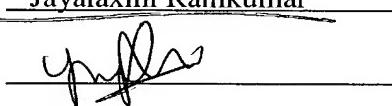
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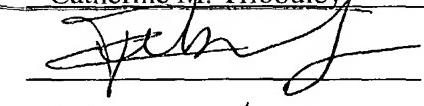
First Joint Inventor: Full name: Michael J. Thornton
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Woodside, California
P.O. Address: 9 Medway Road
Woodside, California 94062-2612

2-00
Second Joint Inventor: Full name: Jayalaxmi Ramkumar
Signature: 
Date: 02/21/, 2002
Citizenship: India
Residence: Fremont, California CA.
P.O. Address: 34359 Maybird Circle
Fremont, California 94555

Docket No.: PI-0137 USN

3-00

Third Joint Inventor:

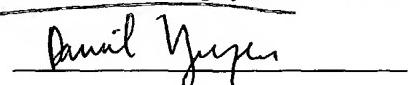
Full name: Catherine M. Tribouley
Signature: 
Date: 2/26/, 2002
Citizenship: France
Residence: San Francisco, California CA.
P.O. Address: 1121 Tennessee Street, #5
San Francisco, California 94107

Fourth Joint Inventor:

Full name: Henry Yue
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Sunnyvale, California
P.O. Address: 826 Lois Avenue
Sunnyvale, California 94087

5-00

Fifth Joint Inventor:

Full name: Danniel B. Nguyen
Signature: 
Date: February 20, 2002
Citizenship: United States
Residence: San Jose, California CA.
P.O. Address: 1403 Ridgewood Drive
San Jose, California 95118

Sixth Joint Inventor: Full name: Monique G. Yao
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Carmel, Indiana
P.O. Address: 1189 Woodgate Drive
Carmel, Indiana 46033

7.00
Seventh Joint Inventor: Full name: Chandra Arvizu
Signature: Chandra Arvizu
Date: February 20, 2002
Citizenship: United States
Residence: Menlo Park, California CA 2/20/02
P.O. Address: 1706 Marocco Dr.
490 Sherwood Way, #1 San Jose CA
Menlo Park, California 94025 95125 CA

8.00
Eighth Joint Inventor: Full name: Ameena R. Gandhi
Signature: Ameena Gandhi
Date: March 12, 2002
Citizenship: United States
Residence: San Francisco, California CA
P.O. Address: 705 5th Avenue
San Francisco, California 94118

Ninth Joint Inventor: Full name: Neil Burford
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Durham, Connecticut
P.O. Address: 105 Wildwood Circle
Durham, Connecticut 06422

10-00

Tenth Joint Inventor: Full name: Kavitha Thangavelu
Signature: Kavitha T.
Date: February 22, 2002
Citizenship: India
Residence: Mountain View, California CA
P.O. Address: 1950 Montecito Avenue #23
Mountain View, California 94043

11-00

Eleventh Joint Inventor: Full name: Mariah R. Baughn
Signature: Mariah R. Baughn
Date: February 20, 2002
Citizenship: United States
Residence: San Leandro, California CA
P.O. Address: 14244 Santiago Road
San Leandro, California 94577

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Signature: _____

Date: _____, 2002

Citizenship: United States

Residence: Woodside, California

P.O. Address: 9 Medway Road
Woodside, California 94062-2612

Second Joint Inventor: Full name: Jayalaxmi Ramkumar

Signature: _____

Date: _____, 2002

Citizenship: India

Residence: Fremont, California

P.O. Address: 34359 Maybird Circle
Fremont, California 94555

Third Joint Inventor: Full name: Catherine M. Tribouley
Signature: _____
Date: _____, 2002
Citizenship: France
Residence: San Francisco, California
P.O. Address: 1121 Tennessee Street, #5
San Francisco, California 94107

4-00
Fourth Joint Inventor: Full name: Henry Yue
Signature: Henry Yue
Date: February 22, 2002
Citizenship: United States
Residence: Sunnyvale, California CA
P.O. Address: 826 Lois Avenue
Sunnyvale, California 94087

Fifth Joint Inventor: Full name: Danniel B. Nguyen
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: San Jose, California
P.O. Address: 1403 Ridgewood Drive
San Jose, California 95118

Sixth Joint Inventor: Full name: Monique G. Yao
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Carmel, Indiana
P.O. Address: 189 Woodgate Drive
Carmel, Indiana 46033

Seventh Joint Inventor: Full name: Chandra Avizu
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Menlo Park, California
P.O. Address: 490 Sherwood Way, #1
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Eighth Joint Inventor: Full name: Ameena R. Gandhi
Signature: _____
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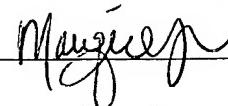
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Sixth Joint Inventor:

Full name: Monique G. Yao
Signature: 
Date: 3-01, 2002
Citizenship: United States
Residence: Carmel, Indiana IN.
P.O. Address: 1189 Woodgate Drive
Carmel, Indiana 46033

Seventh Joint Inventor:

Full name: Chandra Arvizu
Signature: _____
Date: _____, 2002
Citizenship: United States
Residence: Menlo Park, California
P.O. Address: 490 Sherwood Way, #1
Menlo Park, California 94025

Eighth Joint Inventor:

Full name: Ameena R. Gandhi
Signature: _____
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**DECLARATION AND POWER OF ATTORNEY FOR
UNITED STATES PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

HUMAN LYASES

the specification of which:

/____/ is attached hereto.

/____/ was filed on _____ as application Serial No. _____ and if this box contains an X /____/, was amended on _____.

/X____/ was filed as Patent Cooperation Treaty international application No. PCT/US01/19166 on June 13, 2001, if this box contains an X /____/, was amended on under Patent Cooperation Treaty Article 19 on _____ 2002, and if this box contains an X /____/, was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim the benefit under Title 35, United States Code, §119 or §365(a)-(b) of any foreign application(s) for patent or inventor's certificate indicated below and of any Patent Cooperation Treaty international applications(s) designating at least one country other than the United States indicated below and have also identified below any foreign application(s) for patent or inventor's certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application for said subject matter the priority of which is claimed:

Docket No.: PI-0137 USN

Country	Number	Filing Date	Priority Claimed
			/ Yes / No
			/ Yes / No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application <u>Serial No.</u>	Filed	Status (Pending, Abandoned, Patented)
60/213,383	June 23, 2000	Expired
60/215,544	June 30, 2000	Expired
60/222,818	August 4, 2000	Expired

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of Title 35, United States Code §112, I acknowledge my duty to disclose material information as defined in Title 37 Code of Federal Regulations, §1.56(a) which occurred between the filing date(s) of the prior application(s) and the national or Patent Cooperation Treaty international filing date of this application:

Application <u>Serial No.</u>	Filed	Status (Pending, Abandoned, Patented)

I hereby appoint the following:

Lucy J. Billings	Reg. No. 36,749
Jenny Buchbinder	Reg. No. 48,588
Michael C. Cerrone	Reg. No. 39,132
Diana Hamlet-Cox	Reg. No. 33,302
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David G. Streeter	Reg. No. 43,168
Sreenivasarao Vepachedu	Reg. No. 46,395

respectively and individually, as my patent attorneys and/or agents, with full power of substitution and

Docket No.: PI-0137 USN

revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please address all communications to:

**LEGAL DEPARTMENT
INCYTE GENOMICS, INC.
3160 PORTER DRIVE, PALO ALTO, CA 94304**

TEL: 650-855-0555 FAX: 650-849-8886 or 650-845-4166

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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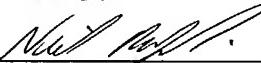
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